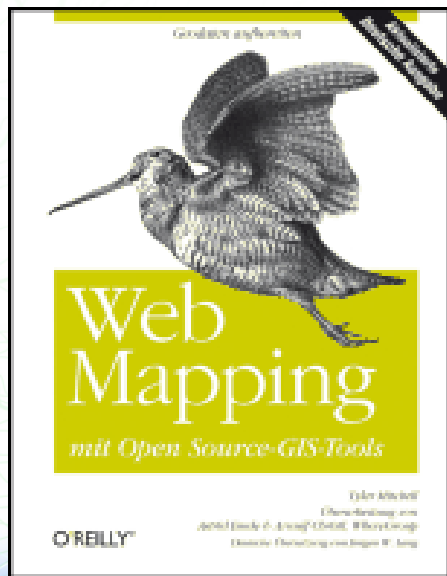




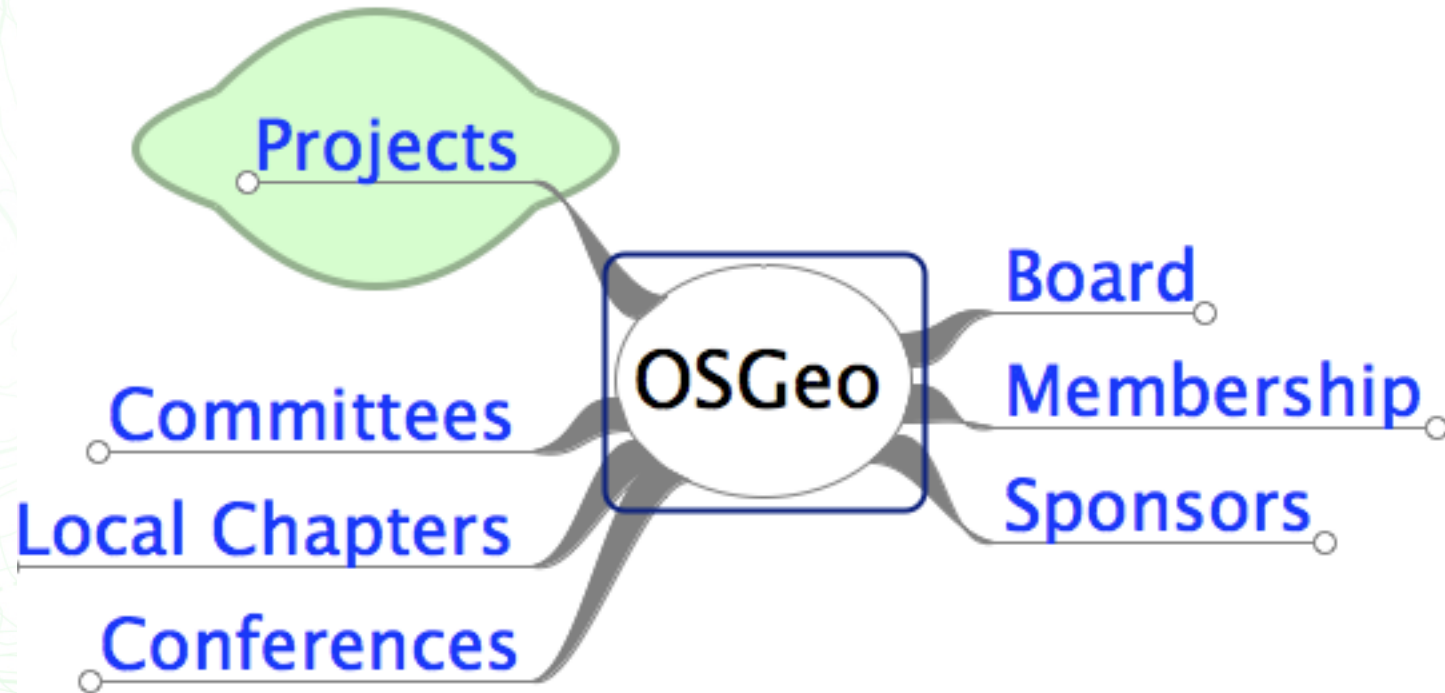
OSGeo's Open Source Mapping Stack

Beyond Features & Tools

- Geographer, GIS Professional
- Author, *Web Mapping Illustrated*
- Executive Director & Charter Member
Open Source Geospatial Foundation



OSGeo's Ecosystem





Geospatial Data Components

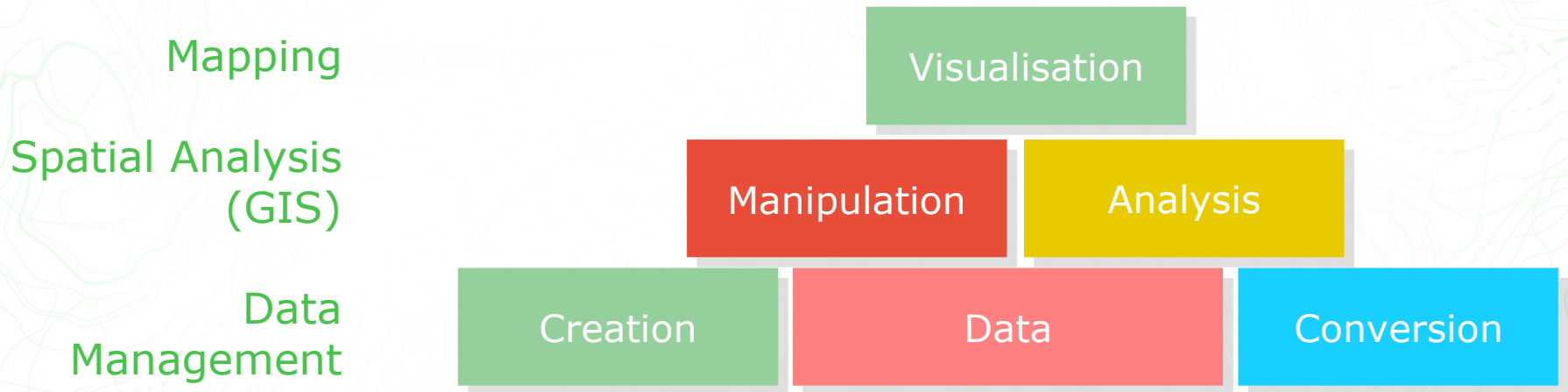
Spatial data access API

Databases

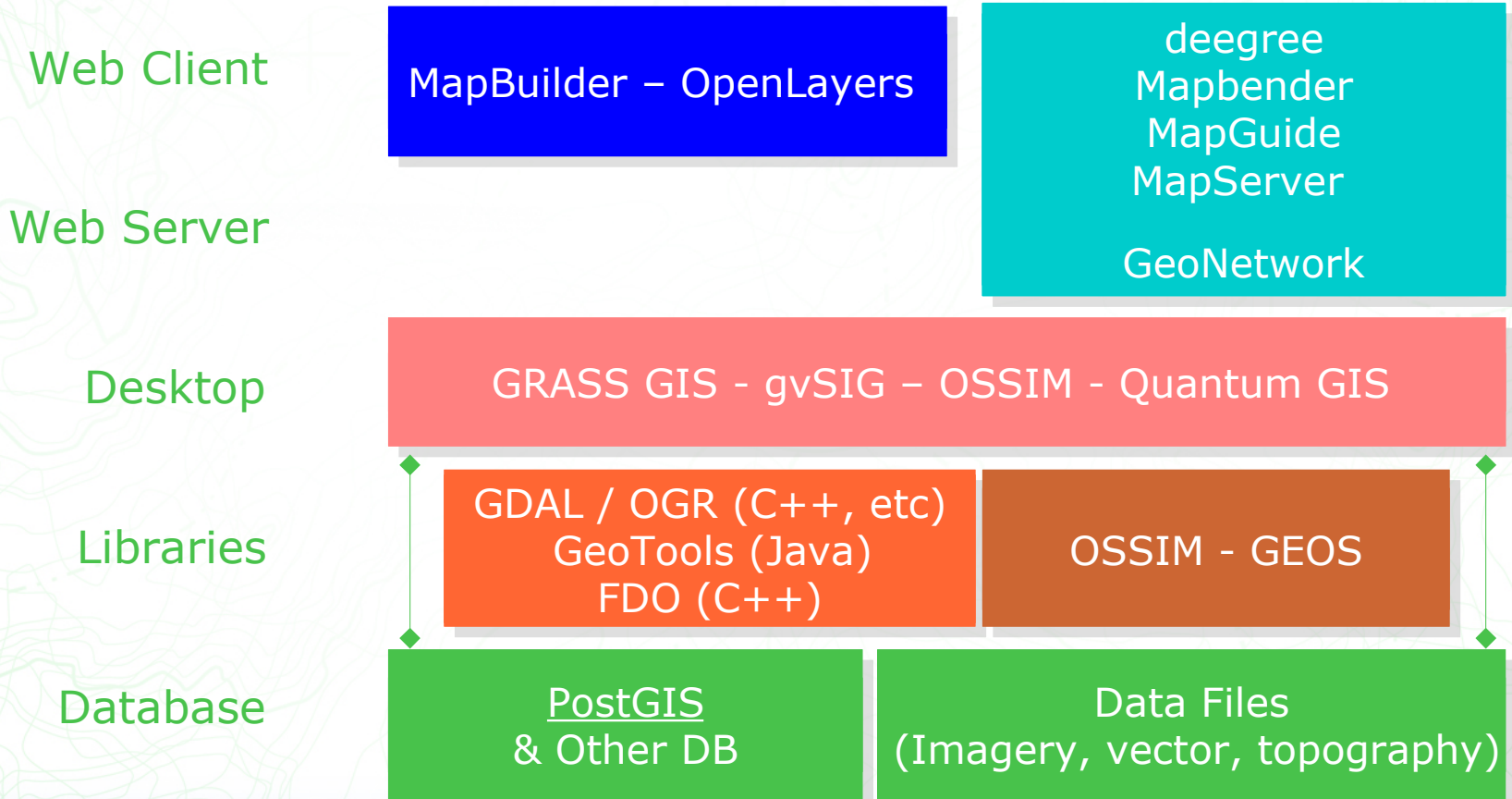
Files

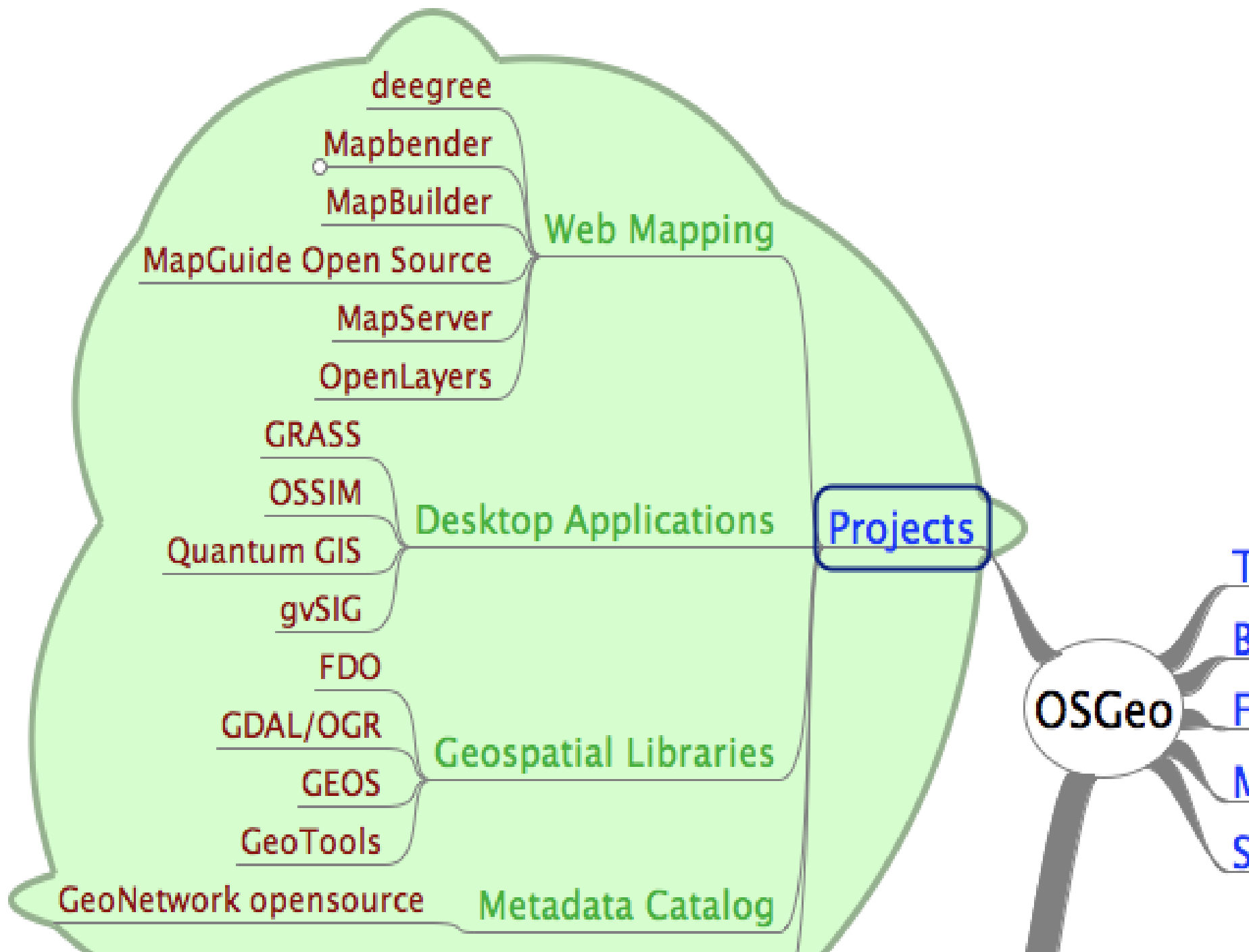
Real-time
apps

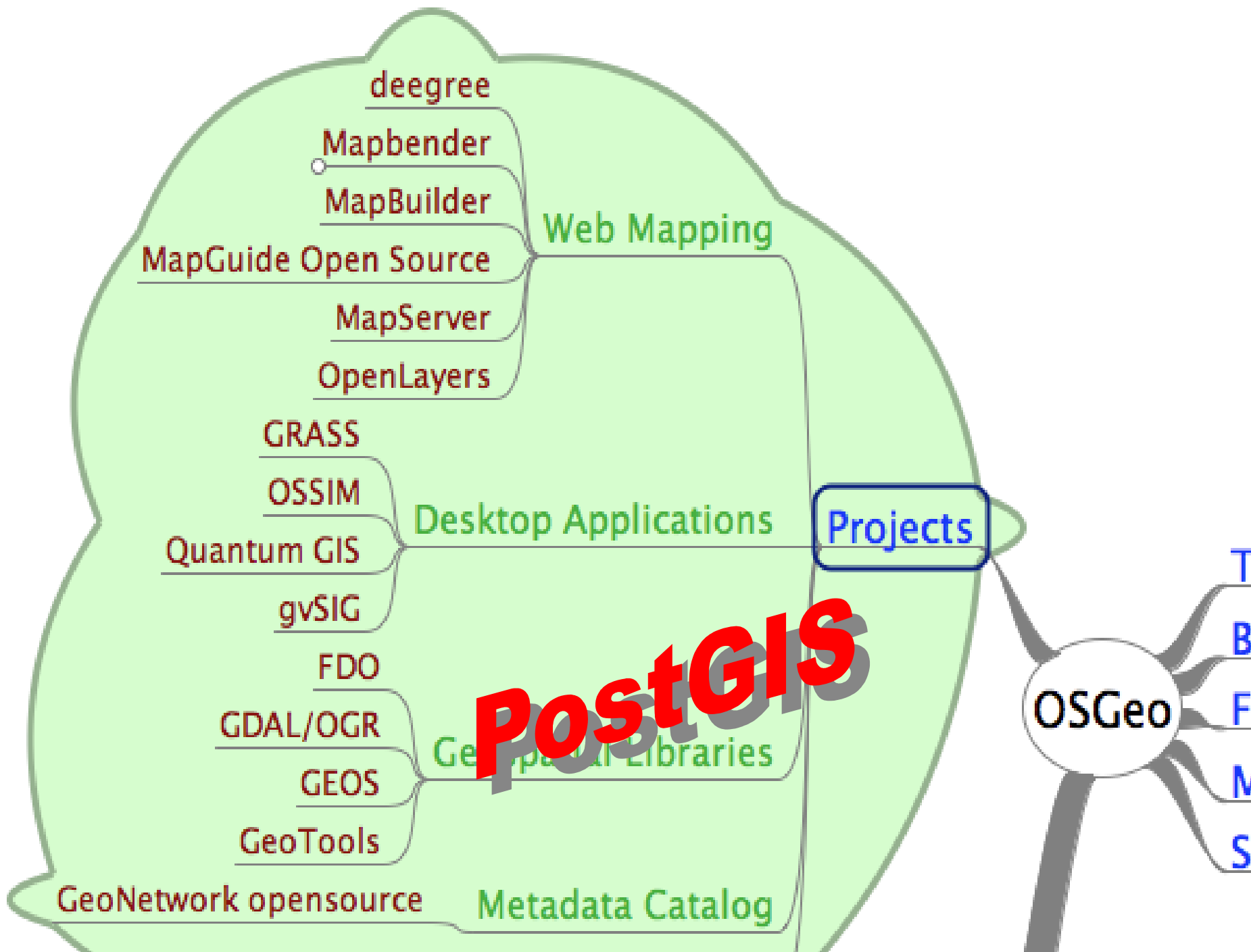
Functional Components



OSGeo Project Stack

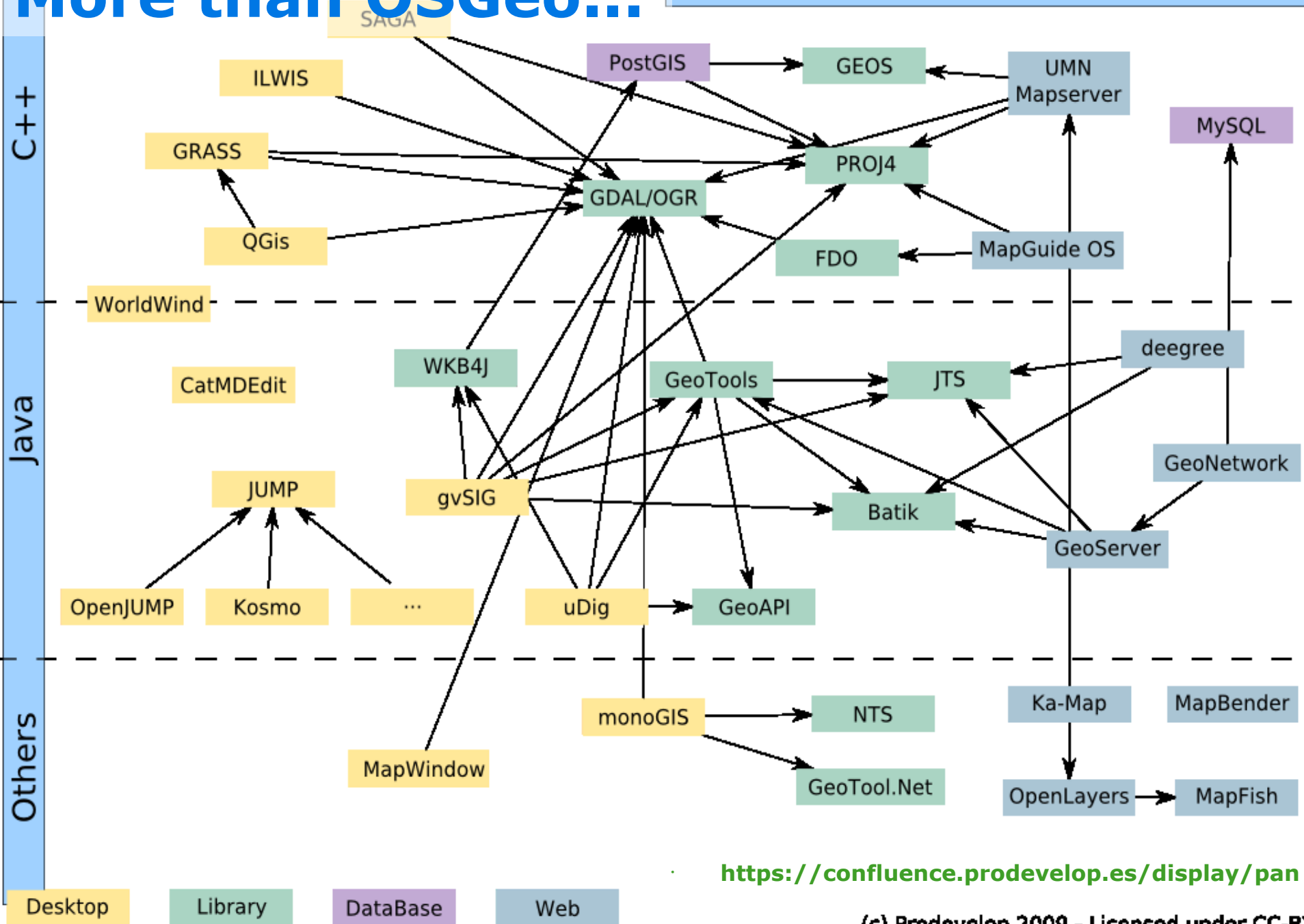






More than OSGeo...

Relationships between FOSS4G projects

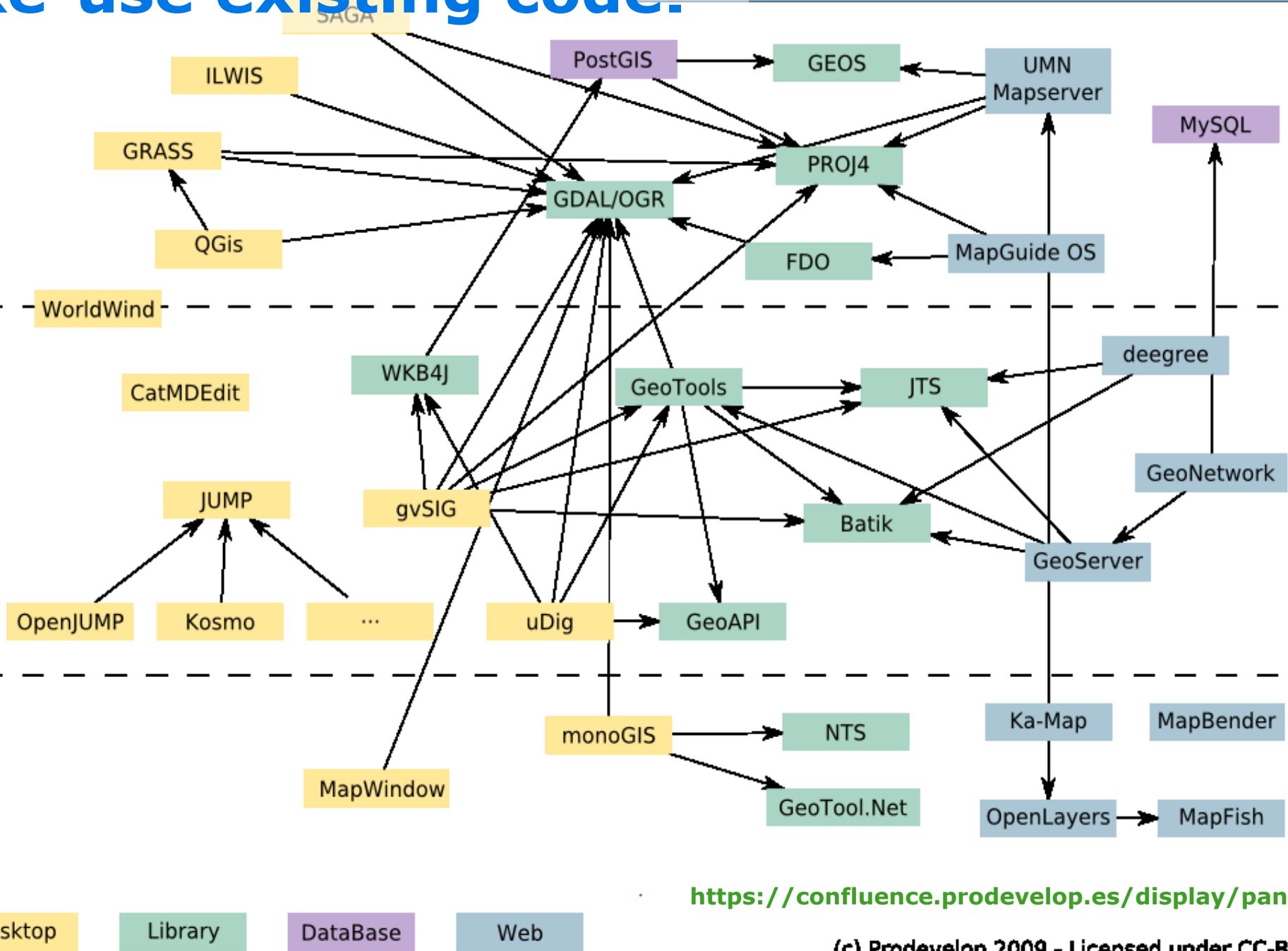


Re-use existing code!

C++

Java





















Others



<https://confluence.prodevelop.es/display/pan>



















Project Development Statistics

Updated: 2-Nov-2008

Project (link to stats page) 	Codebase Lines of code 	Contributors 	Effort (person years) 	Est. cost \$USD 
deegree 	475,756	20	125	6,880,114
gvSIG 	1,797,359	62	506	27,804,278
GEOS 	93,369	14	23	1,252,806
Feature Data Objects (FDO) 	770,748	22	212	11,679,154
GeoNetwork opensource 	359,225	11	93	5,122,974
GeoTools 	1,472,845	46	410	22,548,581
GDAL 	619,706	26	170	9,357,931
Quantum GIS 	193,174	34	50	2,761,972
OSSIM 	525,942	21	143	7,846,712
GRASS GIS 	518,049	61	140	7,682,948
OpenLayers 	68,695	12	17	913,757
MapServer 	108,306	32	27	1,499,454
MapGuide Open Source 	360,959	34	95	5,240,110
Community MapBuilder 	141,198	24	35	1,921,633
Mapbender 	261,029	23	68	3,713,822
Total	7,766,360	442	2,114	116,226,246

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Meeting Your Needs

- **Required Features**
 - > Interoperability and standards**
 - > Continuous improvement
 - > Open development process (OSI)
 - > Community support

Meeting Your Needs

- **Bonus features**
 - > Relationship to other projects
 - > Modular options
 - > Proprietary integration

Beyond Features & Tools

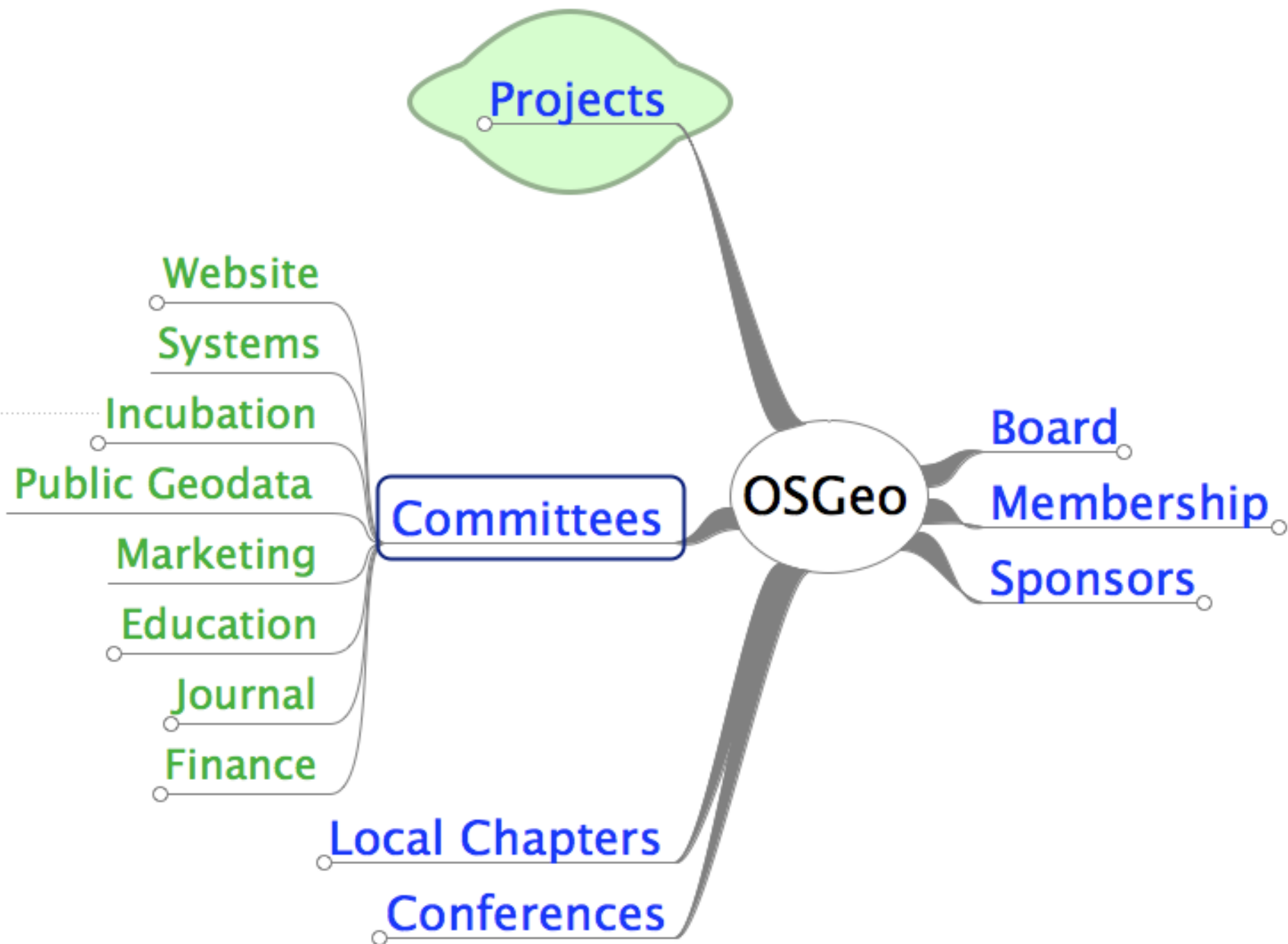
- > Build Internal Capabilities
- > Community Involvement

Build Internal Capabilities

- > Bypassing restrictive licensing
- > Build a professional toolkit
- > Expand your offerings
- > Custom fit/flexible solutions delivery

Community Involvement

- **Wide range of supporters**
 - > Advocates, enthusiastic power users
 - > Developers, writers, testers
 - > Sponsors!





OSGeo

Local Chapters

In Formation

Official

Africa

Australia/New Zealand

Brazil

Canada

Czech

Dutch Language

European Network →

Indonesia

Israel (Hebrew Language)

Romania

Scotland

Sudamerica

Taiwan

Thailand

More...

Projects

Committees

Local Chapters

FOSS4G 2006

FOSS4G 2007

FOSS4G 2008

FOSS4G 2009

FOSS4G 2010

FOSS4G 2011 ?

Conferences

Cape Town, South Africa

Sydney, Australia

Barcelona, Spain

Sustaining Sponsor

Autodesk

Supporting Sponsors

INPE

MINISTÉRIO DA CIÊNCIA E TECNOLOGIA
INSTITUTO NACIONAL DE PESQUISAS ESPACIAIS

INGRES

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FIRSTBASESOLUTIONS


WhereGroup

Your Outlook for 2010

- **Aim high!**
 - > Expect more from your software
 - > Get under the hood and re-use
- **Expand your abilities**
 - > Break out – meet tomorrow's standards
 - > Invest in your organisation
- **Join Us!**
 - > Encourage your professionals
 - > Support others and be supported

Free and Open Source Software for Geospatial Conference 2009

20 - 23 October 2009

Sydney Convention & Exhibition Centre

<http://2009.foss4g.org/>

See you in Sydney



Contact Me

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